

COMBINED DECLARATION FOR PATENT  
APPLICATION AND POWER OF ATTORNEY  
(Includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER

200649/1062 (GC 541-3)

COPY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**CHEMICALLY MODIFIED PROTEINS WITH A CARBOHYDRATE MOIETY**

the specification of which (check only one item below):

☐ is attached hereto.

☒ was filed as U.S. Patent Application Serial No. 09/347,029 on July 2, 1999 and was amended on \_\_\_\_\_ (if applicable).

☐ was filed as PCT International Application Number \_\_\_\_\_ on \_\_\_\_\_ and was amended under PCT Article 19 on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specifications, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

**PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:**

COUNTRY (IF PCT, indicate "PCT")	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC 119
United States	60/131,446	28-APRIL-1999	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
United States	60/091,687	02-JULY- 1998	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (Continued)  
(Includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER  
200649/1062 (GC 541-3)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT International filing date of this application.

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:

U.S. APPLICATIONS

STATUS (Check One)

U.S. APPLICATION NUMBER

U.S. FILING DATE

PATENTED

PENDING

ABANDONED

PCT APPLICATIONS DESIGNATING THE U.S.

PCT  
APPLICATION NO.

PCT  
FILING DATE

U.S. SERIAL NUMBERS  
ASSIGNED (if any)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. **Michael L. Goldman, Registration No. 30,727, Gunnar G. Leinberg, Registration No. 35,584; Dennis M. Connolly, Registration No. 40,964; Edwin V. Merkel, Registration No. 40,087, Jeffery B. Arnold, Registration No. 39,540, Georgia Caton, Registration No. P-44,597**

Send Correspondence to:

**Michael L. Goldman  
Nixon Peabody LLP  
Clinton Square, P.O. Box 1051  
Rochester, New York 14603**

Direct telephone calls to:

**Michael L. Goldman  
(716) 263-1304**

201	FULL NAME OF INVENTOR	FAMILY NAME Jones	FIRST GIVEN NAME J.	SECOND GIVEN NAME Bryan
	RESIDENCE & CITIZENSHIP	CITY Lakefield	STATE/FOREIGN COUNTRY Ontario, Canada	COUNTRY OF CITIZENSHIP Canada
	POST OFFICE ADDRESS	P.O. ADDRESS 1275 Seaforth Crescent, RR 3	CITY Lakefield	STATE & ZIP CODE/COUNTRY Ontario K0L 2H0/Canada
202	FULL NAME OF INVENTOR	FAMILY NAME Davis	FIRST GIVEN NAME Benjamin	SECOND GIVEN NAME G.
	RESIDENCE & CITIZENSHIP	CITY Durham	STATE/FOREIGN COUNTRY United Kingdom	COUNTRY OF CITIZENSHIP United Kingdom
	POST OFFICE ADDRESS	P.O. ADDRESS The Castle	CITY Durham	STATE & ZIP CODE/COUNTRY United Kingdom
203	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE/FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	P.O. ADDRESS	CITY	STATE & ZIP CODE/COUNTRY

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201

SIGNATURE OF INVENTOR 202

SIGNATURE OF INVENTOR 203

DATE

DATE

DATE

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (Continued)  
(Includes Reference to PCT International Applications)

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PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:

U.S. APPLICATIONS

STATUS (Check One)

U.S. APPLICATION NUMBER

U.S. FILING DATE

PATENTED

PENDING

ABANDONED

PCT APPLICATIONS DESIGNATING THE U.S.

PCT APPLICATION NO.

PCT FILING DATE

U.S. SERIAL NUMBERS ASSIGNED (if any)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. **Michael L. Goldman, Registration No. 30,727, Gunnar G. Leinberg, Registration No. 35,584; Dennis M. Connolly, Registration No. 40,964; Edwin V. Merkel, Registration No. 40,087, Jeffery B. Arnold, Registration No. 39,540, Georgia Caton, Registration No. P-44,597**

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**Michael L. Goldman**  
**Nixon Peabody LLP**  
**Clinton Square, P.O. Box 1051**  
**Rochester, New York 14603**

Direct telephone calls to:  
**Michael L. Goldman**  
**(716) 263-1304**

201	FULL NAME OF INVENTOR	FAMILY NAME <b>Jones</b>	FIRST GIVEN NAME <b>J.</b>	SECOND GIVEN NAME <b>Bryan</b>
	RESIDENCE & CITIZENSHIP	CITY <b>Lakefield</b>	STATE/FOREIGN COUNTRY <b>Ontario, Canada</b>	COUNTRY OF CITIZENSHIP <b>Canada</b>
	POST OFFICE ADDRESS	P.O. ADDRESS <b>1275 Seaforth Crescent, RR 3</b>	CITY <b>Lakefield</b>	STATE & ZIP CODE/COUNTRY <b>Ontario KOL 2HO/Canada</b>
202	FULL NAME OF INVENTOR	FAMILY NAME <b>Davis</b>	FIRST GIVEN NAME <b>Benjamin</b>	SECOND GIVEN NAME <b>G.</b>
	RESIDENCE & CITIZENSHIP	CITY <b>Durham</b>	STATE/FOREIGN COUNTRY <b>United Kingdom</b>	COUNTRY OF CITIZENSHIP <b>United Kingdom</b>
	POST OFFICE ADDRESS	P.O. ADDRESS <b>The Castle</b>	CITY <b>Durham</b>	STATE & ZIP CODE/COUNTRY <b>United Kingdom</b>
203	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE/FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	P.O. ADDRESS	CITY	STATE & ZIP CODE/COUNTRY

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202 <i>Benjamin Davis</i>	SIGNATURE OF INVENTOR 203
DATE	DATE <i>13/9/99</i>	DATE

## Certificate of Mailing/Transmission (37 C.F.R. § 1.8(a)):

[X] Pursuant to 37 C.F.R. § 1.8, I hereby certify that this paper and all enclosures are being deposited with the United States Postal Service as EXPRESS MAIL on the date indicated below in an envelope addressed to Assistant Commissioner for Patents, Washington, DC 20231. EXPRES MAIL NO.: EL 710203191 US

[ ] Pursuant to 37 C.F.R. § 1.6(d), I hereby certify that this paper and all enclosures are being sent via facsimile on the date indicated below to the attention of Examiner \_\_\_\_\_ at Facsimile No. \_\_\_\_\_ at \_\_\_\_\_ a.m./p.m.

Dated: March 19, 2001

Name of Person Certifying: \_\_\_\_\_

Printed Name: Nancy Hine

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: SEE ATTACHMENT A

Assignee:

Filing Date:

Examiner:

Serial No.:

Group Art Unit:

Title:

Assistant Commissioner for Patents  
Washington, D.C. 20231

REVOCATION AND APPOINTMENT OF  
NEW POWER OF ATTORNEY

Dear Sir:

The undersigned hereby revokes all prior Powers of Attorney regarding the applications listed on Attachment A and hereby appoints attorneys and agents associated with **Customer Number 23639** with full power of substitution and revocation, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith and request that all correspondence and telephone calls with respect to this application be directed to the addresses associated with **Customer Number 23639**.

Pursuant to 37 CFR § 3.73(b), the undersigned certifies that it is the owner and Assignee of the entire right, title and interest in the applications listed on Attachment A for Letters Patent by virtue of assignments from the inventors to the Assignee, which assignments were recorded at the United States Patent and Trademark Office.

The assignments have been reviewed and to the best of the undersigned's knowledge and belief, title to the above-identified application for letters patent is in the Assignee.

Customer No. 23639

Please address all correspondence to the following address:

Michael J. Shuster, Ph.D.  
McCUTCHEN, DOYLE, BROWN & ENERSEN, LLP  
Three Embarcadero Center  
San Francisco, California 94111  
Telephone No. (415) 393-2000:  
Facsimile No.: (415) 393-2286

The undersigned, whose title is supplied below, is empowered to act on behalf of  
the Assignee.

Date: March 16, 2001

Genencor International, Inc.

By: Margaret A. Horn  
Margaret A. Horn, Esq.,  
Vice President and Assistant General Counsel  
Reg. No. 33,401

10065970-020103

20250701 09:29:00

ATTACHMENT A

REVOCATION AND APPOINTMENT OF  
NEW POWER OF ATTORNEY

	A	B	C	D	E	F	G
1	Customer	023639	(6 digit Customer Number)				
2							
3	Micahel E. Shuster, Reg. No. 41,310				Bold type indicates where data is entered. Data entry begins on line 16 and is continuous until all application information is entered.		
4	McCutchen, Doyle, Brown & Enersen, LLP						
5	Three Embarcadero Center						
6	San Francisco, CA 94111-4067				Rows 3 through 8 are for entering customer address; There are no headers or titles on subsequent pages.		
7	Tel: (415) 393-2000						
8	Fax: (415) 393-2286						
9					Rows 9 through 15 are blank, data entry begins on row 16 and extends through line 24		
10							
11							
12							
13							
14							
15							
16	Patent	Application	Patent	Filing	Correspondence	Practitioner of	Fee
17	Number	Number	Date	Date	Address	Record	Address
18			mm/dd/yy	mm/dd/yy	yes/no	yes/no	yes/no
19		08978509		11/25/97	Yes	Yes	Yes
20		09234957		01/21/99	Yes	Yes	Yes
21		09234956		01/21/99	Yes	Yes	Yes
22		09347029 ✓		07/02/99	Yes	Yes	Yes
23		09436513		11/09/99	Yes	Yes	Yes
24		09556466		04/21/00	Yes	Yes	Yes

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